

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 18   | ("3678570" "4008844" "4028787" "4726101" "5142778" "5522134").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/22 17:43 |
| S2    | 6    | ("3678570" "4008844" "4028787" "4726101" "5142778" "5522134").PN.  | USPAT   | OR               | OFF     | 2006/05/22 17:44 |
| S3    | 354  | 29/889.1.ccls.   | USPAT   | OR               | OFF     | 2006/05/22 17:45 |
| S8    | 20   | ("3155491"   "4381944"   "4493451"   "4726101"   "4957543"   "5156321"   "5395584"   "5437737"   "5503941"   "5584983"   "5666643"   "5976454"   "5998317"   "6153547"   "6276597"   "6283356").PN. OR ("6470568").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/05/23 08:16 |
| S9    | 69   | ("0729154"   "2366164"   "2504509"   "2694458"   "2924546"   "2929755"   "3296886"   "3358898"   "3528200"   "3548481"   "3678570"   "3886647"   "4004047"   "4005988"   "4028787"   "4050133"   "4073639"   "4098450"   "4141127"   "4161056"   "4164061"   "4176433"   "4409054"   "4426193").PN. OR ("4726101").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/05/23 08:40 |
| S10   | 33   | ("3293072"   "3864124"   "4031279"   "4194040"   "4228214"   "4493451"   "4600599"   "4726101"   "5040718"   "5240491"   "5264011"   "5334417"   "5348215"   "5373986"   "5523169"   "5577655"   "5666643"   "5783318"   "5817372"   "5867762"   "5890274"   "5952042"   "5956845"   "5997604"   "6001426"   "6099974"   "6165628"   "6210812"   "6283356"   "6302318"   "6355356"   "6387527").PN. OR ("6612480").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/05/23 08:42 |
| S11   | 15   | ("3743556"   "3876447"   "4624860"   "4726101"   "5240491"   "5263641"   "5523169").PN. OR ("5952042").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/05/23 10:06 |
| S12   | 604  | 228/119.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/05/23 10:06 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S13 | 354 | 29/889.1.ccls.   | USPAT   | OR | OFF | 2006/05/23 10:06 |
| S14 | 532 | 228/119.ccls. not S13  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/05/23 10:06 |
| S15 | 72  | S13 and S12  | USPAT   | OR | OFF | 2006/05/23 10:06 |
| S16 | 10  | ("3755887"   "3804602"   "4418124"<br>  "4665996"   "4677034").PN. OR<br>("4814236").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/05/25 13:32 |
| S17 | 41  | ("3479157"   "3516826"   "3617685"<br>  "3711337"   "3807993"  <br>"3832167"   "3928026"   "4008844"<br>  "4054723"   "4073639"  <br>"4078951"   "4285459"   "4340425"<br>  "4705203"   "4719080"  <br>"4743514"   "4820356"   "4830934"<br>  "4849030"   "4878953"  <br>"4961818"   "4983233"   "5037495"<br>  "5043138"   "5068084"  <br>"5069873"   "5071059"   "5100484"<br>  "5104614"   "5143563"  <br>"5151249"   "5156321"   "5171380"<br>  "5173255"   "5240491"  <br>"5270123"   "5316866"  <br>"5395584").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/05/23 13:25 |
| S18 | 2   | "4073639".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/23 14:28 |
| S19 | 0   | preform same layer same (nickel or<br>Ni) same turbine same (TLP or<br>transient adj liquid adj phase)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/23 14:30 |
| S20 | 1   | preform same layer same (nickel or<br>Ni) same (TLP or transient adj liquid<br>adj phase) and turbine  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/23 14:31 |
| S21 | 3   | preform same layer same (nickel or<br>Ni) same (TLP or transient adj liquid<br>adj phase)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/07/12 12:26 |
| S22 | 176 | 29/402.13.ccls.  | USPAT   | OR | OFF | 2006/05/23 14:36 |
| S23 | 22  | rafferty-kevin.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/23 15:19 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S24 | 4    | rafferty-kevin.in. and turbine  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/23 15:05 |
| S25 | 75   | layer same (nickel or Ni) same (TLP or transient adj liquid adj phase)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/23 16:33 |
| S26 | 2    | laminate same (nickel or Ni) same (TLP or transient adj liquid adj phase)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/05/23 16:50 |
| S27 | 32   | ("3487530"   "3574924"   "3632319"   "3678570").PN. OR ("4008844").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/05/25 09:26 |
| S28 | 22   | ("20010045363"   "20020197507"   "20030088980"   "20030147742"   "20030207031"   "4008844"   "4050133"   "5156321"   "5302414"   "5448828"   "5732467"   "6049978"   "6139913"   "6283386"   "6365222"   "6384365"   "6444259"   "6491208"   "6520401"   "6623796"   "6626228"   "6706319").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/05/25 09:27 |
| S29 | 1204 | 415/200.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 13:12 |
| S30 | 1565 | 416/241R.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 13:12 |
| S31 | 289  | 416/229A.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 13:12 |
| S32 | 775  | 428/678.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/05/25 13:12 |

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|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S33 | 761  | 428/679.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | OFF | 2006/05/25 13:12 |
| S34 | 1431 | 428/680.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | OFF | 2006/05/25 13:12 |
| S35 | 1746 | 428/614.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | OFF | 2006/05/25 13:12 |
| S36 | 388  | 29/889.7.ccls.  | USPAT  | OR | OFF | 2006/05/25 13:12 |
| S37 | 1    | ng-sor-tin.in.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/05/25 13:32 |
| S38 | 354  | 29/889.1.ccls.  | USPAT  | OR | OFF | 2006/05/25 13:46 |
| S39 | 152  | 29/402.16.ccls.   | USPAT  | OR | OFF | 2006/05/25 13:54 |
| S40 | 533  | 29/402.08.ccls.   | USPAT  | OR | OFF | 2006/05/25 13:56 |
| S41 | 13   | ("4832252"   "5033938"   "5156321"<br>  "5253978"   "5351395").PN. OR<br>("5522134").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 14:23 |
| S42 | 57   | ("3904382"   "4073639"   "4381944"<br>  "4412643"   "4493451"  <br>"4614296"   "4686338"   "4734968"<br>  "4830934"   "4842953"  <br>"4910098"   "4937042"  <br>"4940566").PN. OR ("5156321").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 14:27 |
| S43 | 6    | ("4004047"   "4726101").PN. OR<br>("5674610").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 16:41 |
| S44 | 56   | schaeffer-jon-c.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 16:42 |
| S45 | 4    | schaeffer-jon-c.in. and sinter\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 16:42 |

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|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S46 | 15  | ("4055705"   "4095003"   "4321310"   "4321311"   "4335190"   "4401697"   "4485151"   "4490191"   "4851300"   "4880614"   "4900640"   "4916022"   "4966820"   "5015502"   "5645893").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 16:44 |
| S47 | 19  | ("4055705"   "4095003"   "4321310"   "4321311"   "4335190"   "4401697"   "4485151"   "4490191"   "4851300"   "4880614"   "4900640"   "4916022"   "4966820"   "5238752"   "5302465"   "5403669"   "5512382"   "5514482"   "5645893").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 16:53 |
| S48 | 127 | sinter\$3 same layer\$1 same turbine same blade   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 16:59 |
| S49 | 4   | S48 and preform\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 16:55 |
| S50 | 0   | ("2006/0039788").URPN.  | USPAT  | OR | OFF | 2007/01/19 17:05 |
| S51 | 2   | ("5294387"   "5951254").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 17:31 |
| S52 | 1   | "6165600".pn.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 17:31 |
| S53 | 10  | ("4061816"   "4552800"   "4698255"   "5139977"   "5942316").PN. OR ("6165600").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/01/19 17:34 |
| S54 | 13  | ("4832252"   "5033938"   "5156321"   "5253978"   "5351395").PN. OR ("5522134").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/07/12 08:38 |
| S55 | 59  | ("3904382"   "4073639"   "4381944"   "4412643"   "4493451"   "4614296"   "4686338"   "4734968"   "4830934"   "4842953"   "4910098"   "4937042"   "4940566").PN. OR ("5156321").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2007/07/12 12:25 |

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|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S56 | 163  | preform same layer\$1 same (die\$1 or mold\$1 or tool\$1) same sinter\$3                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 12:28 |
| S57 | 89   | preform same layer\$1 same (die\$1 or mold\$1 or tool\$1) same sinter\$3 same powder\$1                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 12:28 |
| S58 | 17   | preform same layer\$1 same (die\$1 or mold\$1 or tool\$1) same sinter\$3 same powder\$1 same binder\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 13:57 |
| S59 | 739  | 419/6.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:29 |
| S60 | 380  | 419/6.ccls.  | USPAT  | OR | OFF | 2007/07/12 13:59 |
| S61 | 765  | 419/8.ccls.  | USPAT  | OR | OFF | 2007/07/12 13:59 |
| S62 | 1425 | 419/8.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 13:59 |
| S63 | 12   | (S60 or S61) and layer\$1 same binder\$1 same die\$1   | USPAT  | OR | OFF | 2007/07/12 15:10 |
| S64 | 30   | (S59 or S62) and layer\$1 same binder\$1 same die\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:29 |

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|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S65 | 18   | S64 not S63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:15 |
| S66 | 1356 | 419/38.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:29 |
| S67 | 12   | 419/38.ccls. and layer\$1 same<br>binder\$1 same die\$1                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:30 |
| S68 | 10   | 419/38.ccls. and layer\$1 same<br>binder\$1 same die\$1 same<br>powder\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/07/12 15:30 |